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LOUISIANA TECHNOLOGY INNOVATIONS FUND – FINAL REPORT

[06/08/2003]

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I   **DEPARTMENT/AGENCY**   **:**   DPS&C /Data Center

A.   **II**   **PROJECT TITLE:**
State Trooper Mobile Office

III   **PROJECT LEADER**

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IV   **DESCRIPTION OF THE PROJECT**

The goals of the project are to reduce the amount of time that a trooper spends performing administrative tasks, increase safety and to improve training opportunities for him. The anticipated outcomes include more time for patrolling and investigations, reduced travel time back and forth to the troop, more training, more accurate information, easier to retrieve data and more standardization of information. The less time that a trooper must spend in administrative tasks, directly increases the time in a shift available for active law enforcement. This has the effect of increasing the actual patrol time in a similar manner to adding troopers. The availability of training opportunities on the laptop again decreases time spent traveling for training and the additional training makes the trooper more effective. The use of the magnetic swipe device increases productivity, improves accuracy of information and improves safety at a traffic stop by allowing the trooper to better focus on the situation and people involved. There are 650 troopers who will utilize this capability and cover the entire State. The direct users of product are the troopers. The beneficiaries of the increased effectiveness are the members of the public both citizens and visitors. The partners are the Louisiana State Police and the Department of Public Safety Data Center. The technologies employed will be Mobile Data Computers, Microsoft Office Suite, magnetic stripe readers and bubble jet printers. The users will extend the facilities available in the troop to the equivalent of a virtual office in their vehicles from an administrative tasks and training perspective.

V   POST IMPLEMENTATION REVIEW AND ASSESSMENT

a.   Executive Summary of Findings:

After all the options presented in this grant were implemented on the Troopers' Mobile Data systems, we have found that our goals and main objectives have indeed been met. The Magnetic card stripe readers are enhancing the accuracy of Accident Reports written my the Troopers and well as enhancing officer safety.

The Microsoft suite that has been put on the Officers' laptops have increase the Troopers' time usage efficiency and decreased the need for the Troopers to go into the offices thus allowing them to spend more time on the road protecting the public.   The Printers in the Vehicles have given the Troopers' the ability of printing out their reports locally as opposed to printing them remotely at the Troop then driving there to retrieve them.

b.   Accomplishments and Best Practices Identified:

Trooper safety has been increased, along with the enhancement of accuracy in identifying drivers and report writing. Trooper are now able to utilize the Microsoft suite program to Write and locally store records and reports of their daily routine.

c.   Benefits Achieved/Expected:

All projected benefits as previously stated have been achieved.

d.   Pitfalls Encountered :

The changing Standards, ie. AAMVA standards, caused the software cost for the Magnetic Stripe readers to be substantially more than projected.

e.   Recommendations to Agencies Planning to use this Technology:

Agencies planning to use the Magnetic Card stripe readers for the purpose of reading Drivers License information must be aware that there have been different formats of Drivers licenses used through the years and the software must be developed to read all formats.

VI   FINAL COST VS. BUDGET

	Category	Budgeted	Actual	Surplus
A.	Equipmen	$ 152,750.00	$ 95,090.00	$ 57,660.00
B.	Software	$ 208,650.00	$ 301,650.00	None (-93,000.00 deficit)
C.	Telecommunications			
D.	Professional/Contract Services			
E.	Other Costs			
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A.	**Total Project Cost**	**$ 361,400.00**	**$ 396,740.00**	**$ 35,340.00**

Microsoft Office Suite: $266.00 X **650 units**
Total Cost $17,290.00
Vendor: DELL   P.O. Number #3341207

Printers $45.00 X **650 units**
Additional Equipment needed: USB Cables@ $2.10 per Printer
                               AC to DC power converters @ $47.00
                               USB Expansion HUB @ $10.00 per Hub
Vendor: Compu Care   P.O. Number #3349449
Total Cost: $61,200.00

Magnetic Card Stripe <u>Reader</u>: $50.20 X 650 = $32,630.00
                  <u>Software</u>: $128,750.00
Total Cost: 161,380.00
Vendor: OM Office Supply   P.O. Number   #3480788 (Mag Stripe Reader)
Vendor: United Software Assoc. P.O. Numbers   (all Mag Stripe Reader Software)
                               #3402001 - Packet Cluster
                               #3511253 – Multiple DL Formats
                               # 3533866 – Packet Cluster /Packet
                               Writer